INDEX TO VOLUME 16

Author Index

Abrams, Donald I., S69, 816 Acar. J. F., 172 Acuña, Guillermo, 255 Adachi, N., S117 Adal, Karim A., 340 Adelman, Lester S., 15 Aguirre, C., 671 Ahuja, Seema S., 432 Ahuja, Sunil K., 432 Alberola, L., 671 Aldridge, Kenneth E., S335, \$451 Al-Eisa, A., 397 Alemohammad, M. M., S416 Alexander, Holly, 635 Alfuravh, O., 397 Algie, Gys D., 173 Alkan, Michael, 213 Allan, J. Davis, S32, S46 Allen, Stephen D., S211, S449 Alomar, Antolina, 719 Alonso, J., 671 Aloy, Andreu, 182 Alroy, Joseph, 15 Altarac, David, 750 Altés, A., 731 Alvarez, A., 671 Alvarez, Maria Jose Lopez, 588 Amihod, Barbara, 335 Ammari, Linda K., 148 Amsallem, Daniel, 174 Anda, Pedro, 310 Anderson, Daniel J., 827 Anderson, G., S416 Anderson, Mark D., 184 Anderson, Roger L., 407 Angus, P., 183 Anniko, M., 585 Appelbaum, Peter C., S435 Arduino, Roberto C., 505 Argent, Terry A., 407 Ariza, J., 761 Armstrong, Donald, 1 Armstrong, Robert W., 689 Arnow, Paul M., 778 Arthur, Michel, 331 Ash, Lawrence R., 332 Ashdown, L. R., 574 Aubert, G., 586 Aujard, Y., 82 Ausina, V., 731 Axelrod, Peter, 127 Baddour, Larry M., 186 Baker, Carol J., 523 Bale, M. J., 372 Bandoh, Kaori, S382 Barbhaiya, Rashmi H., S26 Barham, William B., 444

Barndtzaeg, Per, 301

Barnish, Michael J., 404 Baron, Ellen Jo. S325, S339. \$449 Bartlett, John G., S248, S443 Barzaga, Ricardo A., 735 Batungwanayo, Jean, 188 Baughman, Andrew L., 276 Baumgardner, Dennis J., 725 Bauwens, J. Eric, 142 Baxter, Carla M., 388 Beach, Michael, 778 Beadle, Christine, 320 Bellini, William J., 654 Beltangady, Mohan, S26, S32 Benedí, Vicente J., 714, 719 Benson, Susan M., 826 Berg, Deborah E., 30 Berman, Daniel S., 726 Berman, Jonathan D., 417 Bernuzzi, A. M., 344 Berrocal, E., 727 Berzon, Richard, 816 Bharani, N. K., S322 Bhattacharya, Mondira, 330 Bijlmer, Henk A., 237 Bingen, E., 82 Blake, Milan S., 523 Blanchard, Lourdes M., 400 Bliss, M., S322 Blot, Koenraad, 188 Boken, Daniel J., 123 Bokkenheuser, Victor, S427 Bolling, James P., 208 Bolmström, Anne, S367 Borner, K., 646 Borrell, Nuria, 443 Borriello, S. P., 737 Boussougant, Yves, 446 Bowden, Raleigh A., 142 Bowen, K. E., 341 Bowler, William A., 531 Brazier, Jon S., S228, S439 Breen, Joan C., 15 Brengues, Cecille, 255 Bretz, W., S314 Brian, Charles S., 30 Brischetto, Michael J., 445 Brisson-Noël, Anne, 331 Brook, Itzhak, \$425, \$446, 476 Brosgart, Carol, S69 Brown, June M., 756 Brown, Richard B., 133 Brown, William J., S355 Bruckner, David A., 598 Brunet, S., 731 Bruno, A., 344 Bruyn, George A. W., 728

Bryan, Ralph T., 255

Bryant, Amy E., S195

Budka, Herbert, 392 Buggy, Brian P., 336, 725 Bujadoux, A., 168 Burdge, David R., 558 Bush, K., S390 Buu-Hoï, A., 172 Byrne, S., 792 Cacho, G., 727 Cailleaux, Vincent, 174 Campbell, James, S69 Campbell, R. Jean, 208 Canetta, Renzo, S46 Cannon, Constance G., 10 Canovas, A., 671 Capellan, J., 472 Cariglia, Nicholas, 667 Carman, Robert J., S422 Carmeli, Yehuda, 213 Carratala, Jordi, 179 Carson, Loretta A., 407 Castells, A., 729 Castiglia, Mary, 439 Castro, Kenneth G., 513 Caugant, Dominique A., 237 Cavé, H., 82 Celum, Connie L., 500 Cevini, C., 344 Chaisson, Richard E., 816 Chandrasoma, P. T., 333 Chen, Casey, S317 Chen, Robert T., 59 Cherry, James D., 199 Cheung, Tony W., 22 Chiang, Seine, 26 Chiba, S., S117 Chow, Anthony W., 100 Chu, Chia-Ming, 709 Chupp, Geoffrey L., 15 Chusid, Eileen, 22 Cieslak, Theodore J., 592 Cisterna, Ramón, 343 Cisterna, Romón, 589 Citron, Diane M., S263, S435 Civen, R., S256, S299 Clark, Jennifer A., 555 Clark, Robert J., 139 Claveau, S., 640 Cleary, Timothy J., 59 Cochi, Stephen L., 59, 276 Coene, Amy J., 528 Cohen, Myron S., 54 Colebunders, Robert, 188 Colletti, A., S416 Colonna, Paul, 598 Compton, Steve J., 500 Condoluci, David V., 404 Connolly, Kevin J., S46 Cooley, Timothy P., S26, S32,

Coombs, Robert W., S2, 500 Corbella, Xavier, 179 Corey, G. Ralph, 463 Corey, Lawrence, S1, S2 Cornelissen, Jan J., 190 Corredoira, J. M., 761 Costello, M., S322 Cote, Jane, S245 Cotton, Deborah J., 816 Coulter, Chris, 826 Courcol, René J., S339 Courvalin, Patrice, 331 Cox. M., S319, S418 Craig, John P., S76 Cross, Sally A., S288 Crowther, Mark A., 288 Cruz-Ruiz, M., 534 Cunha, Burke A., 176, 735 Cuny, Gérard, 255 Czerkinsky, Cecil, S106 Czinn, Steven J., 367 Damade, Richard, 446 Damanhouri, G., 397 Dammas, S., 397 Dankert, Jacob, 237 Decker, Catherine F., 175, 444 de Graaff, J., 216 Dekker, Adriaan W., 190 Delacroix, Isabelle, 446 Delahousse, Michel, 733 de Lalla, F., 730 de la Loma, Asia, 310 de la Maza, Luis M., 107 Dembeck, Sallie T., S349 Demers, B., 792 Denamur, E., 82 De Pauw, Ben E., 734 Derlot, Eliane, 331 DeRonde, Martha M., 10 Desjardins, P., 82 Detterbeck, Frank C., 54 Dobson, J., S414 Doebbeling, Bradley N., 372, 377 Dolan, Matthew J., 489 Dolin, Raphael, S26, S32, S40 Domingo-Albós, A., 731 Dominguez, B., S314 Donnelly, J. Peter, 734 Dooley, C. P., S416 Dooley, Samuel W., Jr., 513 Dorche, G., 586 Douglas, Gordon C., 829 Dumler, J. Stephen, 629 Duncan, A. Jane, S422 Dupont, Bertrand, 441 DuPont, Herbert L., 616 Dupont, Marie-Jeanne, 174

Durack, David T., 463

Dutka-Malen, Sylvie, 331 Eaton, Molly, 185 Edelstein, Paul H., 741 Edmond, Michael B., 388 Edvalson, L. S319 Edwards, Morven, 523 Einstein, Hans E., 349 Eliaszewicz, Muriel, 441 Elion, J., 82 El-Sadr, Wafaa, 726 Eppes, Stephen C., 286 Ericsson, Charles D., 616 Ericsson, M., 585 Ernst, J. P. M. G., 216 Eschenbach, David A., S273, 5282 Escobar, Mario R., 233 Estabrook, Michele, 523 Estes, N. A. Mark III, 825 Eyer-Silva, W. A., 332 Eykyn, Susannah J., 737 Faden, Howard, 726 Fagerhol, Magne K., 301 Fagon, J. Y., 172 Faidas, Anna, 186 Falleroni, Marc J., 528 Fang, Ferric C., 303 Farizo, Karen M., 59, 276 Farmer, Silas G., S353 Farr, R. Wesley, 439 Fassbender, M., 646 Feinberg, Judith, 816 Fernández, Maria V., 310 Ferrante, Mark A., 489 Ferrer, Isidro, 171 Ferrieri, Patricia, 112 Fichtenbaum, Carl J., 298 Fihn, Stephan D., 486 Finegold, Sydney M., S159, S188, S256, S299, S325, \$453, 597, 737 Finkelstein, Dianne M., 816 Fischer, Philip R., 127 Fitch, Helen, S46 Fletcher, Julie M., S409 Fleury, Jean, 441 Flores, Glenn, 706 Fogelman, Ilana, 816 Foley, T. J., S416 Fong, I. W., 472 Forgacs, Pierre, 293 Franco, Ricardo, 343 Franzetti, M., 730 Frazier, Edith H., 476 Frésard, A., 586 Friedman, Michael A., 286 Friedman, Richard B., 233 Fritsche, Thomas R., 500 Froland, Stig S., 301 Fukudome, Kenji, S92 Fukuhara, Norio, S92 Fung, Henry C., S239 Fung, Peter C., 689 Furuta, Glenn T., 523 Galama, J., 661

Galgiani, John N., 247 Gameiro, C. A. M., 332 Garcés-Brusés, J., 591 Garcia, Enric, 182 Garcia, Lynne S., 614 Garin, Ch., 168 Gatti, S., 344 Gazzard, Brian G., S59 Geha, Daniel J., 803 Geiger, Garrel E., 384 Genereau, Thierry, 441 Genta, Robert M., S122 Gerding, Dale N., S439 Gettler, James F., 726 Gharbia, Saheer E., S160, S404 Gibson, G. R., S408, S411 Gibson, M., S420 Gil. José, 714 Girardi, L. S., 338 Givner, Laurence B., 766 Glez-Zarate, P., 671 Goble, Marian, 219 Gohchi, Kengo, 260 Gold, W. L., 69 Goldberg, Stuart L., 803 Goldstein, Ellie J. C., S159, S263, S288, S377 Gómez-Aranda, Fernando, 588 Gómez-Mateos, J., 534 González, Lourdes, 714 Gonzalez-Canali, Gustavo, 441 González-Castro, U., 729 Goodman, Jesse, 827 Goodpasture, Hewitt C., 635 Gradoni, L., 730 Graham, Barney S., 828 Granich, Reuben, 828 Gransden, W. R., 737 Grayson, M. L., 183 Green, Paul J., 400 Greenberg, R. N., 341 Greene, Karl A., 139 Greenough, William B., III. S105 Grogl, Max, 417 Groopman, Jerome E., S46 Grossmeyer, Thomas J., S353 Gudiol, F., 171, 179, 761 Gumerlock, Paul H., S234 Gupte, J. M., S344 Gustafson, Nancy, S26 Gustafsson, H., 585 Gutmann, L., 172 Haberberger, Richard L., 444 Hacker, Jorg, 412 Haggoud, A., S401 Hakim, Amin, 426 Halim, M. A., 397 Halonen, Pekka, 151, 392 Hammer, Glenn, 22 Hanauer, Sandra D., 276 Handwerger, Sandra, 750 Hanff, Philip A., S245 Harder, E. J., 341

Harris, Diane T., 54

Harvey, W., S420 Haskell, Catherine S., S349 Hatano, Yasuko, 342 Hatheway, Charles L., 635 Hecht, David W., S357 Heiddal, Sigurdur, 667 Hellinger, Walter C., 208 Hentges, David J., S175 Herman, Joseph, S188 Hernandez, Jaime E., 170 Heron, Leon G., 271 Hervás, Juan A., 443, 714, 719 Herzog, Christian, 567 Heskestad, Linda, 828 Hill, Gale B., S423 Hillier, Sharon L., S273 Hilton, Eileen, 481 Hisam, Nicole, 426 Hitchcock, M. J. M., S16 Hjalt, C.-Å., 585 Ho, May, 361 Hoagland, H. Clark, 803 Hoffman, Stephen L., 320 Hofstad, Tor. S200 Hollis, Richard J., 377 Holmgren, Jan, S106 Homma, Morio, 561 Hoogkamp-Korstanje, Jacomina A., 734 Hory, Bernard, 174 Hua, Tong Hua, 412 Huguet, P., 729 Hulbert, Tim V., 333 Hulse, Michelle, 112 Huppert, Milton, 247 Ichoroh, Catherine G., S77 Ikäheimo, Risto, 785 Immermann, F. W., S344 Ingram, Christopher W., 463 Inwards, David J., 803 Iseman, Michael D., 219 Ishak, M., 640 Jackson-Pope, Lenore, S46 Jacobs, Jan A., 173 Jacobson, Mark A., S69 Jacobus, N. V., S344 Jamieson, F., 792 Jarvis, William R., 407 Jeffrey, William R., 170 Jiménez, E., 534 Jiménez-Hernández, D., 534 Johnson, Caroline C., S371 Johnson, Philip C., 505 Johnson, Royce H., 349 Johnson, Stuart, 112 Johnson, Zaiga, S349 Jones, R., 183 Jones, R. B., 497 Jones, R. N., 372 Jousimies-Somer, H., S292 Kain, Kevin C., 100 Kajs, C., S83 Kalimo, Hannu, 392 Kalin, M. E., 397 Kaplan, Sheldon L., 766

Kaplowitz, Lisa G., 233 Kärkkäinen, Ulla, 785 Karp, Robert B., 30 Kato, Naoki, S382 Kaufman, Leo, 107 Kavasya, Thembo, 127 Kawasugi, Kazuo, 260 Kelly, Ellen, S245 Kelly, K. A., 574 Kemmerly, Sandra Abadie, 189 Kendig, Newton, 703 Kennedy, Charles A., 809 Kent, K. Craig, S245 Kernodle, G. Wallace, Jr., 463 Kezhou, Lie, 165 Kimbler, Anita, 59 King, Barry F., 829 Kinoshita, Tadatoshi, 260 Kinsman, K., 497 Kirkland, Kathryn B., 629 Kitaoka, Setsuko, S92 Kitchen, Lynn W., 170 Klebanoff, Seymour J., S273 Klein, Joel D., 286 Klein, Natalie C., 176 Klempner, Mark S., 825 Knupp, Catharine A., S26 Kobari, Kazumine, S75 Kociuba, Katherine R., 271 Kocka, Frank E., 136 Koehler, J. M., 574 Koeppe, P., 646 Konno, Tasuke, S92 Kozarsky, Phyllis, 185 Kraaijeveld, C., 661 Kress, Kendra, 340 Krishnan, Chandradekar, 412 Kristinsson, Karl G., 667 Krohn, Marijane A., S273 Kruskal, Benjamin A., 290 Kuhl, Sarah J., S234 Kuipers, Betsy, 237 Kundsin, Ruth B., 293 Kunin, Calvin M., 412 Kuritza, Alex, 136 Kuster, Herbert, 519 Kwok, Richard Y. Y., S239 Labarca, Jaime, 255 Lagakos, Stephen W., S22 Lai, R. W. M., 334 Lam, Sing, 481 Lambert, John S., S40 Lambert-Zechovsky, N., 82 Langer, Bradley, 806 Langmore, S., S314 Lanphear, Bruce P., 10 Larsen, Robert A., 333 Larson, Richard A., 528 Latham, Robert H., 828 Latorre, Miguel, 343, 589 Lautenschlager, Stephan, 567 Leclercq, Roland, 331 Lee, Colin, 500 Lee, Daniel, S263 Lee, K. C., 334

Lehmann, Paul F., 377 Leoni, Patrick A., 123 Levy, Charles S., 339 Liaw, Yun-Fan, 709 Lidbeck, Ann. S181 Liebman, Howard A., S52 Lieming, Ding, 165 Lim, James, 186 Lin, Shi-Ming, 709 Linnemann, Calvin C., Jr., 10 Llibre, Josep M., 182 Lode, H., 646 Loesche, Walter J., S203, S314 Looareesuwan, Sornchai, 361 Lopatin, D., S314 López-Cortés, L. F., 534 López-Domínguez, José Manuel, 588 Lortholary, O., 172 Losonsky, Genevieve A., 86 Low, D. E., 792 Lozano, Alvaro, 310 Lucey, Daniel R., 33 Lucht, F., 586 Luelmo, J., 729 Lüthy, Ruedi, 519, 540 Lynch, M., 93 Macfarlane, G. T., S408, S411 Macfarlane, S., S408, S411 Madinger, Nancy E., S349 Madoff, Lawrence C., 714 Madsen, Lorie A., 219 Mäkelä, P. Helena, 785 Mäkitie, A., S292 Málaga, Alfredo Muñoz, 588 Malone, Joseph L., 341 Malowitz, R., 338 Mangels, J., S319 Manian, Farrin A., 445 Marchione, Susan, 750 Marcom, P. Kelly, 629 Margarit, C., 729 Margles, Steven W., 293 Margolis, David M., 555 Marina, M., S256 Marinac, Jacqueline S., 178 Marshall, William F., 803 Martin, Gregory J., 175, 341 Martin, N., 729 Martino, R., 731 Martos, Angeles, 171 Marttila, Reijo, 392 Marzec, A., 183 Mathisen, Glenn E., 809 Matsuda, Juzo, 260 Matta, Ray, 22 McFarland, Lynne V., S239 McGowan, Karin L., 148 McGregor, James A., S349 McIntosh, Kenneth, 151 McKinney, P. J., S349 McLaren, Colin, S32, S46 McNeil, Michael M., 756 McTeague, M., S325 McTeague, Maureen, S188

Megran, David W., 175 Meis, Jacques F., 734 Melchers, W., 661 Meriwether, C., 93 Mermin, Jonathan, 828 Mertens, Veerle, 188 Méry, Jean-Philippe, 733 Meuwissen, J., 661 Michel, V. P., 586 Michel-Briand, Yvon, 174 Miles, B. L., S211 Mill, Michael R., 54 Miller, Larry K., 184 Miller, Marjorie J., 612 Miller, Mark A., 335 Miller, Richard A., 486 Miller, Stephen D., S239 Mintai, Zhang, 165 Miranda, Abraham G., 505 Miyamoto, Michael I., 303 Mochida, Yoshiyuki, 342 Molinas, Catherine, 331 Molitoris, E., S256 Monka, Jean, 750 Montejo, J. M., 671 Moore, Frances M., 384 Moosavi, Seved, S355 Moraid de Sá, C. A., 332 Mori, Isamu, 342 Morrison, Vicki A., 265 Mortelmans, K., S418 Mortimer, E. A., 75 Moths, Lisa, 290 Moyle, Graeme J., S59 Müller, Fredrik, 301 Mulligan, Maury Ellis, S239 Munckhof, W., 183 Muñoz, Sergio, 255 Munro, Rosemary, 271 Murray, Barbara E., 750 Mustafa, Mahmoud M., 142, 654 Myerson, David, 142 Nadler, H., S361 Nagafuji, Hiroshi, 342 Nakata, S., S117 Nam, Myung H., 339 Nathwani, Dilip, 181 Navarro, Lorena, S234 Neetens, Ingrid, 188 Neibart, Eric, 22 Nelson, Jeffery E., 186 Nelson, Mark R., S59 Newell, John D., 219 Newton, James A., Jr., 531 Nicaise, Claude, S32, S63 Nichols, Ronald Lee, S266 Nikoskelainen, Jukka, 392 Nimmannitya, Suchitra, 295 Nitta, Annette T., 219 Nochy, Dominique, 733 Noel, Gary J., 706 Nolla, J. M., 761 Nolla-Salas, M., 591

Nomdedéu, J., 731

Nord, Carl Erik, S181, S387 Norgard, Michael J., 407 Norman, D., S325 Numazaki, Yoshio, S92 Nviriesy, Paul, 127 Oddó, David, 255 O'Donnell, James G., 404 O'Hanlon, David P., 558 O'Keefe, J. Paul, S357 Oksi, Jarmo, 392 Oldfield, Edward C., III, 531 Oley, Gretchen E., 170 Ollero, Alberto Blanco, 588 Olsen, Gary J., S422 Olsvik, Bente, S310 Opravil, Milos, 519, 540 Orenstein, Pearl, 335 Osmolski, James R., S357 Otero, Jose Varela, 588 Overbeek, B. P., 216 Owen, William, S69 Ozawa, Atsushi, S77 Palomino, J., 534 Pankey, George A., 189 Paoletti, Lawrence C., 714 Paparello, Scott F., 175 Pasculle, A. William, 388 Patel, A., S416 Patel, S., S334 Patrick, Christian C., 523 Paul, Carle, 441 Pavičić, M. J. A. M. P., 216 Paya, Carlos V., 677 Payne, Beverly J., 276 Pegues, David A., 407 Pellizzer, G., 730 Peltonen, Reijo, 392 Pepe, Joseph, 133 Peraino, Victoria A., S288 Perkins, Robert E., 293 Peters, Caryn S., 136 Peterson, Ellena M., 107 Peterson, Michael C., 439 Petri, William A., Jr., 340 Pfaller, Michael A., 377 Pfau, Alphonse, 337 Phadnis, Suhas, 367 Phair, John, 816 Phelps, Kenneth R., 432 Pialoux, Gilles, 441 Pichichero, Michael E., 86 Pierre, J., 172 Pike, Isadore M., S63 Pinto, J. F. C., 332 Pitkin, D. H., S361 Podzamczer, Daniel, 171 Pomeroy, Claire, 827 Poolman, Jan T., 237 Pouchot, Jacques, 446 Powderly, William G., 298, 816 Preheim, Laurel C., 123 Puck, Jennifer M., 148 Pujol, M., 761 Quader, Zafar, 806 Quimosing, Estelita M., 778

Rabe, Lorna K., S273 Rabinowitch, Bonnie L., 339 Rader, J., S83 Rahman, Shafigur, 481 Ralph, Edward D., 288 Ramphal, Reuben, 772 Rasmussen, B. A., S390 Raszka, William V., 592 Raucher, Beth, 750 Raz, Raul, 213 Reed, Kurt D., 384 Reichman, Richard C., S40 Reina, Jordi, 443, 719 Repiso, T., 729 Reuman, Peter D., 426 Revsset, G., S401 Richardson, S. H., S83 Riddell, S. W., S211 Riddler, Sharon A., 388 Rinaldi, Michael G., 610 Ritchie, David J., 298 Robert, A., 640 Roberts-Thomson, Ian C., S98 Robinson, Edward N., Jr., 357, 435 Roca, M., 729 Rodríguez, Isabel, 310 Rojo, Pedro M., 343, 589 Rolfe, Rial D., S219 Ropers, Gwenael, S339 Rose, David, 22 Rosenblatt Jon E., S446 Rosol-Donoghue, Joann, S245 Ross, E. Victor, 341 Ross, Stephen, S263 Rotstein, Ori D., S190 Rowland, Randal W., 233 Rozenberg-Arska, Maja, 190 Rozencweig, Marcel, S26, S32 Rubin, Marc S., S245 Rueda, X., 586 Rufi, G., 761 Rufi, Gabriel, 179 Ruiz, J., 727 Rusnak, Janice M., 33 Russi, Erich W., 519 Ruuskanen, Olli, 151 Saaverdra, Hernan, 255 Sachs, Mark K., 400 Sacks, Henry S., 22 Saidi, Suleiman M., S77 Saitoh, Noriko, 260 Salfinger, Max, 540 Salit, I. E., 69 Salkin, David, 247 Salomaa, Pirkko, 392 Saltzman, Edward, 26 Salvá, Francisco, 719 Samraj, Joshua, 481 Sanchez, Juan Carlos Corredoira, 588 Sanders, W. Eugene, Jr., 338 Sands, Michael, 133 Sanford, Jay P., 145 Sansonetti, Philippe, 441

Santin, Miguel, 171 Sapico, Francisco L., S451 Sartin, Jeffrey S., 580 Sato, Tetsuo, S92 Savolainen, S., S292 Scaglia, M., 344 Schaberg, T., 646 Schapiro, Jonathan M., 213 Schiff, Theodore A., 756 Schlievert, P. M., 792 Schmidt, Cynthia, 827 Schoch, Paul E., 735 Scholten, Rob J. P. M., 237 Schoondermark-van de Ven, E., Schulzer, Michael, 100 Schwartz, David N., 486 Sebald, M., S401 Seidlin, Mindell, S26, S32, S40 Sepúlveda, Cecilia, 255 Serody, Jonathan S., 54 Sexton, Daniel J., 629, 828 Sexton, T., S83 Seymour, Andrew, 432 Shah, Haroun N., \$160, \$404 Sheen, I-Shyan, 709 Sheikh, W., S361 Shepard, Douglas L., 186 Shlaes, D. M., 75 Shlaes, J. H., 75 Sie, George H., 173 Siegel, Jane D., 654 Siegenthaler, Walter, 519 Siitonen, Anja, 785 Silva, Joseph, Jr., S234 Silverman, Mark L., 293 Siminoski, Kerry, 550 Simon, David, 806 Simor, A. E., 792 Singh, Kavindra V., 750 Skaug, Nils, S200 Skitt, B. L., S211 Skolnik, Paul R., 15 Slama, M., 172 Slots, Jørgen, S317 Slutsker, Laurence, 513 Smaldone, Laurie F., S32 Smego, Raymond A., Jr., 165 Smith, Claude W., 30 Smith, Jeffrey W., S266 Smith, Margo A., 339 Smith, Thomas F., 208 Smoczynski, C., S322 Sobel, J. D., 93 Solari, Aldo, 255

Sommadossi, Jean-Pierre, S7 Song, Woosun, S219 Sorbello, Alfred F., 404 Soto-Mancipe, Jaime, 417 Southern, P. M., Jr., S334 Spach, David H., 142 Speich, Ruedi, 519 Spielberger, Ricardo T., 528 Spitzer, E. D., 338 Stanford, James F., 178 Stavola, Joseph J., 706 Stecca, C., 730 Stemmer, S. M., 497 Stemper, Mary E., 384 Stenling, R., 585 Steven, Neil M., 181 Stevens, Dennis L., S195, 801 St-Germain, G., 640 Stillman, Naomi, S304 Stobberingh, Ellen E., 173 Stone, David R., 825 Strahan, D., S420 Strebel, Peter M., 59, 276 Strong, Catherine A., S188, S256, S325 Suata, Ketut, 561 Sullivan, Bradley J., 725 Sumi, Shuzo M., 500 Summanen, Paula, S168, S339, Suntharasamai, Pravan, 361 Suzuki, Hiroshi, S92 Sveen, Kjell, S200 Svennerholm, Ann-Mari, S106 Sverrisson, Jon Thor, 667 Swartz, Morton, 51 Szabo, Susan, 22 Taelman, Henry, 188 Takahashi, Yasuvuki, S77 Takeshi, Koichi, S77 Tallman, Virginia, 816 Tally, F. P., S390 Tan, Grace, 107 Tang, Yajarayma J., S234 Tanner, Anne, S304 Tanner, David C., 463 Tärnvik, A., 585 Tauxe, Robert V., 635 Tazume, Seiki, S77 Teele, David W., 290 Tellschow, S., 497 Tenover, Fred C., S310 Terpenning, M., S314 Testa, R. T., S344 Teuscher, Adrian U., 519

Theiler, Robert, 519 Thelmo, William, 432 Thisyakorn, Usa, 295 Thomas, David, 703 Thompson, Dianne, 500 Tiley, Susan M., 271 Timmons, Charles F., 654 Torii, Shozo, 342 Tortora, G. T., 338 Tosolini, F. A., 183 Tremblay, C., 640 Trilla, A., 372 Tritz, Denise M., 118 Tsang, D. N. C., 334 Tsukamoto, Mivo, 260 Tunér, K., S387 Ueno, Kazue, S382, 561 Ukae, S., S117 Ukwu, Henrietta, 828 Unzaga, Miren J., 589 Väisänen, Marja-Liisa, S188, S299, S325 Valentine, Fred T., S40 Vales, Emilio Casariego, 588 Valkenburg, Hans A., 237 Valls, Jordi, 182 Valverde, J., 761 Van Alphen, Loek, 237 van den Bergh, J. P. A., 216 van Druten, J., 661 Van Marck, Eric, 188 van Winkelhoff, A. J., 216 Vazquez, J., 93 Veas, Francisco, 255 Vellend, H., 792 Verdonck, Leo F., 190 Verghese, Abraham, 459 Vespignani, M., 730 Viladrich, P. F., 761 Viljanen, Matti K., 392 Vinceneux, Philippe, 446 Vincent, Tom, 247 Viner, Brant L., 223 Voss, Andreas, 377 Waiyaki, Peter G., S77 Waldor, Matthew K., 51 Walker, David H., 629 Walmsley, S., 792 Walsh, Robert D., 176 Walters, Brian, 750 Ward, John W., 513 Ward, Thomas T., 26 Warren, John R., 330 Watanabe, Kunitomo, S382, 561

Weber, J. Todd, 635 Webster, H. Kyle, 361 Weisdorf, Daniel J., 265 Weiss, Peter J., 531, 809 Weitman, Steven D., 654 Weldon-Linne, C. Michael, 136 Wenglin, Barry D., 726 Wenzel, R. P., 372 Werner, S. Benson, 635 Westblom, T. Ulf. 367 Wexler, Hannah M., S328 Wheat, L. Joseph, 816 Whitby, Michael, 826 White, Laura Van Arsdale, 412 Wicklund, Brian M., 388 Widmer, A. F., 372 Widmer, Andreas F., 377 Wilson, Brian, 51 Wilson, Kenneth H., S214. S422 Wilson, M., S414, S420 Wilson, Michael, S409 Wingard, E., 75 Winick, Naomi J., 654 Woernle, Charles H., 407 Wolfe, Peter R., 823 Wolff, John, 750 Wolff, Marcos A., 772 Wolinsky, Emanuel, 627 Woods, Gail L., 118 Wu, Lung-Chi, 377 Wurtz, Rebecca, 806 Wurtz, Rebecca M., 136 Wyler, David J., 449 Yamamoto, Takako, S77 Yang, Peter, 367 Yarchoan, Robert, S32 Yebra, M., 727 Ylikoski, J., S292 Yngvason, Fridrik E., 667 Yoshie, Osamu, S92 Young, Clarence L., 772 Yungbluth, Peggy, 136 Zabramski, Joseph M., 139 Zajdowicz, Thaddeus, 175 Zaleznik, Dori F., S245 Zarraga, Antonio L., 170 Zaugg, Michael, 540 Zervos, M. J., 93 Zhang, M. I. N., S404 Zimmer, Bonnie, 816 Zimmerli, Werner, 567 Zingman, Barry S., 223

Subject Index

Abdominal infections, due to anaerobic bacteria, treatment, S266

Abdominal pain, in varicella-zoster virus infection, after bone marrow transplantation (letter), 190

Abortion, infection after, bacterial vaginosis and, S282

Abscess

brain, due to Staphylococcus aureus meningitis, 435

chest wall, tuberculous, in AIDS (letter), 727

liver, due to Actinomyces, 303

lung, due to anaerobic bacteria, S443

perirectal, due to Pneumocystis carinii, diagnosis (letter), 336

peritonsillar, due to anaerobic bacteria, S292, S299

retropharvngeal

due to anaerobic bacteria, \$299

in cervical vertebral osteomyelitis, 806

tongue, 133

tooth

persistent fever in, 550

wound botulism with, 635

Accu-Culshure System, versus Port-a Cul Tube, S325

Achromobacter xylosoxidans osteomyelitis (letter), 176

Acid-fast organisms, novel, diarrhea associated with, 136

Acquired immunodeficiency syndrome (see AIDS; Human

immunodeficiency virus infection)

Acremonium infection, with Addison's disease (letter), 170

Actinobacillus actinomycetemcomitans

bacteremia, after pacemaker implant, 216

periodontal disease, S203

Actinomyces

endocarditis, 481

liver abscess, 303

taxonomy, S168

Actinomyces odontolyticus peritonsillar abscess, S292

Acute retinal necrosis syndrome, in AIDS-related complex, 208

Addison's disease, with Acremonium infection (letter), 170

Adenosine deaminase, as HIV infection marker, 260

Adenovirus infections, poliovirus isolation in (letter), 342

Aerobic bacteria, nomenclature for, 598

Aeromonas hydrophila infections

case reports (letter), 173

skin, 69

Aeromonas infection, extraintestinal, in Queensland, Australia, 574

Agrobacterium infections, review, 112

Agrobacterium radiobacter infections, clinical manifestations, 388

AIDS (see also Human immunodeficiency virus infection)

blastomycosis, 107

Campylobacter jejuni infection, 439

catheter-associated sepsis due to Alcaligenes xylosoxidans (letter), 592

cryptosporidiosis treatment with paromomycin, 298

Mycobacterium avium complex infection, cutaneous, 555

Mycobacterium malmoense infection, 540

Pneumocystis carinii pneumonia prophylaxis, bronchoalveolar lavage assessment, 519

Pseudomonas aeruginosa bacteremia, 706

pulmonary lymphoma (letter), 188

toxoplasmosis, cerebrospinal fluid analysis in, 661

treatment guidelines for, 816

Trypanosoma cruzi encephalitis, 255

tuberculosis

chest wall abscess in (letter), 727

extrapulmonary, 513

AIDS Clinical Trials Group, guidelines for, 816

"AIDS-ology," as interventional speciality, 459

AIDS-related complex

didanosine for

dosage considerations, S52

efficacy, markers for, S26

long-term follow-up, S40

varicella-zoster retinitis in, 208

Alanine aminotransferase levels, in chronic hepatitis B, sex differences

Alcaligenes xylosoxidans catheter infections (letter), 592

Allopurinol, for visceral leishmaniasis, 397

Alternaria infection

after liver transplantation (letter), 729

sinonasal, in immunodeficiency, 265

Amantadine, for respiratory infections, 151

Amebic infection, pathogenicity (letter), 340

Amikacin, for Nocardia farcinica infection, 756

Amino acids, anaerobic bacteria utilization, \$404

Amniotic fluid, anaerobic bacteria in, S423

Amoxicillin, for Actinobacillus actinomycetemcomitans infection, after

pacemaker implant, 216

Amoxicillin/clavulanic acid, for nocardiosis, 505

Amphotericin B

for Aspergillus terreus infection, 118

for candiduria, 145

for coccidioidomycosis, 349

for Fusarium infection, 528

for opportunistic infections, 1

for posttransplantation infections, 677

for rhinocerebral mucormycosis (letter), 585

for Rhizopus sinusitis (letter), 183

Amputation, in gangrene due to Rocky Mountain spotted fever, 627

Amyloidosis, in HIV infection (letter), 733

Anaerobe identification in clinical laboratory, S435

Anaerobic bacteria (see also specific bacteria, e.g., Bacteroides;

Clostridium)

in amniotic fluid, S423

anticarcinogenic, S427

bacteremia, S288

bacteriology, problems relating to, \$451

cephalosporin in vitro activity against, S353

dental infections, \$304

empyema, S263

future concerns, S453

gastrointestinal, degradative activities, \$420

growth inhibitor formation by, S418

historical aspects, \$453

identification

economic considerations in, S435

with fiberoptic light, S322

4-methylumbelliferone derivatives in, S319 infections, problems relating to, S451

intestinal, in patient with diarrhea, S77

intraabdominal infections, treatment, S266

lethal photosensitization, S414 leukocyte interactions with, S190

lipopolysaccharides of, B lymphocyte stimulation by, S200

metabolic activities of, S427

methylene blue effects on, S409, S411

nomenclature/taxonomy, 606, S168

nonpathogenic, S427

in normal flora, S175, S427

nutritional properties, \$404

oral infections, S304

pathogenicity B lymphocyte stimulation in, S200 Clostridium septicum, S211 leukocyte interactions in, \$190 in periodontal disease, S203 theta toxin in, S195 pelvic infections, S349 periodontal disease, S304 peritonsillar abscess, S292, S299 pleuropulmonary infections, bacteriologic diagnosis, S443 polymicrobial infections, prophylactic therapy in, S425 recovery in clinical specimens, 476 respiratory infections, S248, S256 in saliva, S314 serologic testing for, S416 susceptibility testing (see under Susceptibility testing) taxonomy, \$168, 606 tetracycline resistance, \$310 vaginosis, S273, S282 wound infections, treatment, S266 Aneurysm, mycotic, due to Corynebacterium diphtheriae, 271 Animal studies cholera gravis, S83 Clostridium difficile toxin A receptor, S219 Clostridium septicum pathogenicity, S211 giardiasis, S98

polymicrobial infection prophylaxis, S425 Anisakiasis, misdiagnosed as angiostrongyliasis (letter and reply), 332, 333

Antibiotics (see also specific drug)

diarrhea associated with (see Clostridium difficile)

efficacy studies, immunocompromised patients in (letter), 341

lactobacilli population effects, \$181 resistance to (see Drug resistance)

susceptibility to (see Susceptibility testing)

Antibodies, Helicobacter pylori, rapid detection, S416

Antifungal agents (see also specific drug, eg, Amphotericin B)

for opportunistic infections, I

for Saccharomyces cerevisiae vaginitis, 93

Antigens, in chronic hepatitis B, sex differences in, 709 Antihemophilic factor, immunologic changes from, 260

Antiretroviral agents (see also Didanosine; Zidovudine)

for HIV infection

comparison, \$7

efficacy of, markers for, S22

natural history and, S2

Appendicitis, due to Bacteroides fragilis, susceptibility pattern transferability, 561

Arbovirus infections, in Somalia, S132

ARC (see AIDS-related complex)

Arterial prosthesis, coccidioidomycosis, 486

Arteritis, from catheter infection, 778

Arthritis

in Lyme disease, 310

septic

due to Corynebacterium diphtheriae, 271

due to Corynebacterium diphtheriae (letter), 446

due to Ureaplasma urealyticum, 293

Ascaris lumbricoides infection, symptoms, S122

Aspergillosis

invasive, treatment, 1

post-transplantation, 677

treatment, drug interactions in. 400

Aspergillus fumigatus pneumonia (letter), 734

Aspergillus terreus infection

fatal disseminated, 118

treatment with itraconazole, 803

Aureobasidium pullulans septicemia (letter), 338

Australia, Aeromonas infection in, extraintestinal, 574

3'-Azido-2',3'-dideoxyuridine, in HIV infection, S7

Azidothymidine (see Zidovudine)

B lymphocytes, stimulation by anaerobic bacteria lipopolysaccharides, \$200

Bacille Calmette-Guérin, intravesical therapy with, Mycobacterium bovis infection after (letter), 825

Bacilli, trimethoprim-resistant, colonization and cross-colonization with, 75

Bacillus cereus infection, treatment with ciprofloxacin (letter), 189

Bacillus piliformis, Tyzzer's disease, S422

Bacteremia

due to Actinobacillus actinomycetemcomitans, 216

due to Agrobacterium, 112, 388

due to anaerobic bacteria, S288

due to Bacillus cereus (letter), 189

due to Campylobacter jejuni, in AIDS, 439

due to CDC Group II pink coccoid bacilli (letter), 735

due to Neisseria meningitidis, 523

due to Pseudomonas aeruginosa, in children, 706

due to Pseudomonas cepacia, 407

due to Staphylococcus aureus, 288, 567

due to streptococci, group A, 792

Bacteria

anaerobic (see Anaerobic bacteria)

interactions with viruses, 151

nomenclature

aerobic, 598

anaerobic, 606, S168

facultative, 598

Bacterial vaginosis

anaerobic bacteria and, S427

in pregnancy, S273

upper genital tract infections and, S282

Bacteroides

cephalosporin activity against, S353

drug resistance in, \$390

ecophysiology, \$160

interaction with leukocytes, S190

resistance to 5-nitroimidazole, \$401 respiratory infections, \$248, \$256

100 S160 S160

taxonomy, S160, S168

temafloxacin activity against, S355

Bacteroides fragilis

appendicitis, susceptibility pattern transferability, 561

beta-lactamase inhibitors activity against, S335

identification, S319

susceptibility testing

imipenem, S382

variation in, S357

Bacteroides gracilis

bucteroides grucilis

characterization, S188

empyema, S263

susceptibility testing, S263, S339

Bacteroides sensu stricto, taxonomy, S160

Bacteroides species, identification in clinical specimens, S435

Bacteroides splanchnicus, glycyl-prolyl aminopeptidase formation in,

BCH-189 (2',3'-dideoxyadenosine), in HIV infection, S7

Benzimidazole, for trichinosis, 500

Benznidazole, for Trypanosoma cruzi encephalitis, 255

Beta-lactam antibiotics, anaerobic bacteria susceptibility to, S371

Beta-lactamase

anaerobic bacterial production of, \$256

inhibitors, activity against Bacteroides fragilis, \$335

Bifidobacterium, recovery in clinical specimens, 476

Bilophila, taxonomy, \$168

Bilophila wadsworthia, susceptibility testing, \$339

Bismuth subsalicylate, for travelers' diarrhea, 616

Bladder irrigation

with amphotericin B, 145

with Bacille Calmette-Guérin, Mycobacterium bovis infection after (letter), 825

Blastomycosis

in AIDS, 107

epidemiology (letter and reply), 725

after transplantation, 54

Bone marrow transplantation

cytomegalovirus-induced cystitis in, 142

pulmonary fungal infections after, 803

varicella-zoster virus infection after, 497

abdominal pain in (letter), 190

Bordetella pertussis infection, diagnosis, 276

Borrelia burgdorferi infection (borreliosis) (see Lyme disease)

Botulism, wound, with tooth abscess, 635

abscess, due to Staphylococcus aureus meningitis, 435

cysticercosis, in pediatric patients, 290

gnathostomiasis, 33

ventricular shunt infection, due to Corynebacterium jeikeium, 139

Brain stem encephalitis

due to Listeria monocytogenes, 689

due to Listeria monocytogenes (letter), 186

BRL 42715, as beta-lactamase inhibitor, S335

Bronchoalveolar lavage, in Pneumocystis carinii pneumonia, predictive value, 519

Bronchoscopy, in anaerobic pulmonary infections, S443

Brucella melitensis sacroiliitis, 761

Brucellosis

hypothermia in (letter), 588

sacroiliac involvement, 761

in Somalia, S132

treatment, 671

Brush border membrane, Clostridium difficile toxin A receptor in, S219

Calprotectin, in oral candidiasis, with HIV infection, 301

Campylobacter, taxonomy, S168

Campylobacter jejuni

bacteremia, in AIDS, 439

prosthetic hip infection, in AIDS, 439

Cancer, Pseudomonas cepacia infections in, 407

Candida tropicalis, typing, 377

Candidiasis

in HIV infection, salivary calprotectin levels in, 301

invasive, treatment, 1

post-transplantation, 677

species typing in, 377

treatment with fluconazole (letter), 734

Candiduria, treatment with amphotericin B bladder irrigation, 145

Capillaria philippinensis infection, diarrhea in, S122

Carbacephem, oral, pharmacokin stics, 646

Catheter-induced infections

due to Agrobacterium, 112

due to Alcaligenes xylosoxidans (letter), 592

consequences, 778

due to Fusarium solani, 148

due to Pseudomonas cepacia, 407

Cats, disease transmission from

sporotrichosis, 384

tularemia, 472

Cefmetazole, for polymicrobial infection prophylaxis, S425

in vitro activity against anaerobic bacteria, \$353

for polymicrobial infection prophylaxis, \$425

in vitro activity against anaerobic bacteria, \$353

for polymicrobial infection prophylaxis, \$425

due to Cryptococcus neoformans

treatment with fluconazole (letter), 826

treatment with triazoles (reply), 827

due to Legionella pneumophila, 51

due to Mycobacterium smegmatis, 531

periorbital, due to Neisseria meningitidis, 523

vaginal cuff, bacteria vaginosis and, S282

Central venous catheter infections

due to Agrobacterium, 112

due to Pseudomonas, 407

Cephalosporins

anaerobic bacteria susceptibility to, \$371

in vitro activity against anaerobic bacteria, \$353

oral, pharmacokinetics, 646

for polymicrobial infection prophylaxis, \$425

Cerebrospinal fluid

inflammatory mediator levels in meningitis, 534

pleocytosis, in tension pneumocephalus, 703

shunt infection due to Corynebacterium jeikeium, 139

Toxoplasma gondii detection in, 661

Chest wall abscess, tuberculous, in AIDS (letter), 727

Chicken pox (see Varicella)

Chloroquine, for malaria prophylaxis, during pregnancy, 127

Cholera gravis, genetic predisposition to, S83

Chorioamnionitis, bacteria vaginosis and, S282

Ciprofloxacin, for Bacillus cereus infection (letter), 189

Circumcision, female, complications, S132

Civil War (United States), infectious diseases during, 580

Clindamycin

for respiratory infections, anaerobic, \$248

for tongue abscess, 133

Clinical trials, for AIDS treatment, guidelines for, 816

Clostridium

susceptibility testing, to meropenem, S361

taxonomy, \$168

Clostridium botulinum infection, tooth abscess, 635

Clostridium difficile

asymptomatic carriers of, immunoglobulin levels in, \$239

culture, heat shock in, S245

diarrhea, S427

laboratory investigation, S228

identification, optimal methods for, S439

microecology, S214

monitoring with polymerase chain reaction, S234

toxin A, receptor for, S219

Clostridium perfringens gas gangrene, theta toxin in, S195

Clostridium piliforme Tyzzer's disease, S422

Clostridium septicum, histopathologic effects on intestine, S211

Clostridium species, identification in clinical specimens, \$435

Cloxacillin, for toxic shock syndrome, 288

Coccidioidal meningitis, natural history, 247

Coccidioidomycosis

arterial prosthesis, treatment with fluconazole, 486

diagnosis, 349

epidemiology, 349

invasive, treatment, I

treatment, 349

Colitis, Clostridium difficile

diagnosis, S439

microecology, S214

Collapse therapy, in tuberculosis, 219

Colon

anaerobic bacteria in, degradative activities, S420

Clostridium difficile population in, S214

Colonization, Clostridium difficile, resistance to, S214

Columbia, leishmaniasis treatment in, 417

Continuous culture system, anaerobic bacteria degradative activity in, \$420

Correspondence, duplicate publication of (letter and reply), 737

Corticosteroids, for trichinosis, 500

Corynebacterium diphtheriae

endocarditis, vascular complications, 271

infection, case report, 59

septic arthritis (letter), 446

Corynebacterium jeikeium, ventricular shunt infection, 139

Corynebacterium xerosis, mediastinitis (letter), 172

Cost analysis

anaerobic bacteria laboratory identification, S435

intravascular catheter sepsis, 778

Coxiella burnetii meningoencephalitis, 489

Cryptococcus neoformans

cellulitis

treatment with fluconazole (letter), 826

treatment with triazoles (reply), 827

invasive infection, treatment, 1

meningitis (letter), 588

Cryptosporidiosis

in AIDS, treatment with paromomycin, 298

epidemiology, in travelers (letter), 344

Cryptosporidium parvum infection, treatment with paromomycin, 298

Culture

Clostridium difficile, heat shock in, S245

gut anaerobes, S420

specimens for, collection and transport systems, \$325

Curvularia lunata, endocarditis, treatment with terbinafine, 30

Cutaneous leishmaniasis, treatment with pentamidine, 417

Cyclosporine, nocardiosis related to, 505

Cysticercosis, in pediatric patients, 290

Cystitis

hemorrhagic, due to cytomegalovirus, 142

due to nicotinamide-requiring Escherichia coli strains, 412

Cytolysins, in clostridial infections, S195

Cytomegalovirus infection

hemorrhagic cystitis, 142

with HIV infection, treatment, S69

Dapsone, for *Pneumocystis carinii* pneumonia prophylaxis (letter), 170

ddC (2',3,'-dideoxycytidine), for HIV infection, S7

ddl (see Didanosine)

Dengue hemorrhagic fever, in children, nutritional status in, 295

Dental infections (see also Periodontal disease)

due to anaerobic bacteria, \$304

due to Clostridium botulinum, 635

persistent fever in, 550

2'-Deoxy-3'-thiacytidine, in HIV infection, S7

Dialysis, peritoneal, complicated by mycobacterial peritonitis, 426

Diarrhea

acid-fast organisms in, 136

cholera, enterotoxin sensitivity in, S83

among Civil War soldiers, 580

due to Clostridium difficile (see Clostridium difficile)

epidemiology, in Somalia, S132

giardiasis, genetic factors in, S98

due to helminthic infections, S122

immunization for, enteromucosal immunity assessment and, S106

intestinal flora population in, S77

rotaviral, infectivity enhancement, S92

travelers', treatment and prevention, 616

Didanosine

for HIV infection

dosage considerations, S52

efficacy of, markers for, S26

with ganciclovir, S69

in vitro studies, \$16

long-term follow-up, S40

safety analysis, S63

zidovudine intolerance and, S46, S59

after zidovudine therapy, S32

resistance to, S7

Didanosine Expanded Access Program, for safety analysis, S63

2',3'-Didehydro-2',3'-dideoxythymidine, for HIV infection, S7

2',3'-Dideoxyadenosine, for HIV infection, S7

2',3,'-Dideoxycytidine, for HIV infection, S7

2',3'-Dideoxyinosine (see Didanosine)

Dideoxynucleoside analogs, for HIV infection, in vitro studies, S16

Digoxin, interaction with itraconazole, 400

Diphtheria, case report, 59

Diphyllobothrium latum infection, diarrhea in, S122

DNA probes, in Porphyromonas gingivalis detection, S317

DNA typing

Candida tropicalis, 377

Escherichia coli K1, 82

Doxycycline, for brucellosis, 671

Drug resistance

in Bacteroides, S390, S401

in Enterobacter meningitis, 772

to 5-nitroimidazole, S401

in periodontal pathogens, S310

in tuberculosis, 627

treatment with artificial pneumoperitoneum, 219

Echinococcosis, in Somalia, S132

Ehrlichia chaffeensis, pneumonia and meningitis due to, 809

Eikenella corrodens, streptococci associated with (letter), 173

Elderly persons

oral bacterial colonization in, S314

tetanus severity in (letter), 591

Electrophoresis, in Candida tropicalis typing, 377

Empyema

due to anaerobic bacteria, \$256

due to Bacteroides gracilis, \$263

subdural, streptococcal (letter), 726

Encephalitis

due to concurrent Lyme disease and tick-borne virus infections, 392

due to Listeria monocytogenes, 689

due to Listeria monocytogenes (letter), 186

due to measles virus, treatment with ribavirin, 654 due to Trypanosoma cruzi, in AIDS, 255

Endocarditis

due to Actinomyces, 481

due to Agrobacterium, 112, 388

due to catheter infection, 778

due to Corynebacterium diphtheriae, 271

due to Curvularia lunata, treatment with terbinafine, 30

due to Gemella haemolysans (letter), 586

due to Neisseria mucosa (letter), 184

due to Neisseria sicca, 667

due to Staphylococcus aureus, outcome, 567

due to Staphylococcus capitis subspecies ureolyticus (letter), 343

Endometritis, postpartum, bacteria vaginosis and, S282

Entamoeba histolytica, pathogenicity (letter), 340

Enterobacter meningitis, 772

Enterococcal infections

treatment (letter and reply), 330, 331

treatment with gentamicin (letter and reply), 175

Enterococcus faecium infection, antibiotic-resistant, 750

Enteromucosal immunity, implications for vaccination against diarrheal disease, \$106

Enterotoxin

Clostridium difficile, laboratory detection, S228

sensitivity to, murine models for, S83

Enteroviruses, exanthems, 199

Enidemics

in American Civil War, 580

coccidioidomycosis, 349

Epidemiology

blastomycosis (letter and reply), 725

Candida tropicalis, DNA typing of, 377

cryptosporidiosis, in travelers (letter), 344

diarrhea, in Somalia, S132

hepatitis B, in hospital workers, 10

infectious diseases, in American Civil War, 580

Lyme disease, in Spain, 310

malaria, 449

in United States Navy, 320

meningococcal infections, in the Netherlands, new serotypes and subtypes, 237

Mycobacterium malmoense infection, 540

neonatal group B streptococcal infections, 714

neonatal meningitis, 719

neonatal sepsis, 719

Saccharomyces cerevisiae vaginitis, 93

streptococcal infections, invasive, 792

tuberculosis, in AIDS, 513

typhoid fever, in Israelis, native-born vs. Ethiopian immigrants, 213

Erythema infectiosum (fifth disease), characteristics, 199

Erythema migrans, in Lyme disease, 310

Escherichia coli

growth inhibitor formation by, S418

with S fimbriae, in cystitis, 412

urinary tract infections, 785

Escherichia coli K1, meningitis, molecular analysis, 82

Etest, for anaerobic bacteria susceptibility, \$367

Ethiopian immigrants, to Israel, epidemiology of typhoid fever in, 213

recovery from clinical specimens, 476

taxonomy, S168

Europe, anerobic bacteria susceptibility testing in, S387

Exanthems

classic, 199

due to nonpolio enteroviruses, 199

due to respiratory viruses, 199

Exfoliative dermatitis, from mefloquine (letter), 341

Exophiala jeanselmei pulmonary infections (letter), 445

Expanded Access Program, for didanosine safety analysis, S63

Eye, gnathostomiasis of, 33

Facial palsy, with meningococcal meningitis and herpes simplex virus reactivation (letter), 181

Facultative bacteria, nomenclature for, 598

Fasciolopsis buski infection, diarrhea in, S126

Female circumcision, complications, \$132

Fever, persistent, due to dental infection, 550

Fiberoptic light, anaerobic bacteria detection with, S322

Fibrillator, implantable, Mycobacterium bovis infection (letter), 825

Filariasis, in Somalia, S132 Fluconazole

for candidiasis, superinfection with Aspergillus (letter), 734

for coccidioidomycosis, 349

of arterial prosthesis, 486

for cryptococcal cellulitis (letter), 826

for cryptococcal cellulitis (reply), 827

for opportunistic fungal infections, 1

for posttransplantation infections, 677

for Trypanosoma cruzi encephalitis, 255

Flucytosine, for opportunistic fungal infections, 1

Fluorescent antibody testing, in pertussis, 276 3'-Fluoro-3'-deoxythymidine, in HIV infection, S7

Fluoroquinolones

for prostatitis (letter), 337

for prostatitis (reply), 338

susceptibility to anaerobic bacteria, \$377

for travelers' diarrhea, 616

Francisella tularensis infection, transmission by cat bite, 472

Fungal infections (see also specific organism; specific infection)

post-transplantation, 677

sinonasal, 265

Fungemia, due to Fusarium solani, 148

Fungi, nomenclature, 610

Fusarium infection, treatment in granulocytopenia, 528

Fusarium solani infection, catheter-related, 148

Fusobacterium

in amniotic fluid, S423

peritonsillar abscess, \$292

respiratory infections, S248, S256

susceptibility testing, to meropenem, S361

Fusobacterium nucleatum, nutritional properties, S404

Ganciclovir, with didanosine, for cytomegalovirus infection, S69

pathogenesis, theta toxin in, S195

due to Rickettsia rickettsii, 629

Gastric juice, polymerase chain reaction assay for Helicobacter pylori,

Gastroenteritis

due to Hafnia alvei, in pediatric patients (letter), 443

rotaviral, immunity in, S117

Gastrointestinal system

anaerobic bacteria

degradative activities, S420

normal population, S175

gnathostomiasis, 33

lactobacilli in, S181

Gemella haemolysans, endocarditis (letter), 586

Gemella morbillorum, taxonomy, \$168

Genetic factors

in Bacteroides resistance, S401

in cholera resistance, S83

in giardiasis natural history, S98

Genitourinary tract

anaerobic microflora, \$175

anerobic bacteria, susceptibility testing, S349

infections (see also Urinary tract infections) bacterial vaginosis and, \$282

gnathostomiasis, 33

Gentamicin

for enterococcal infections (letter), 175

Enterococcus faecium resistance to, 750

for toxic shock syndrome, 288

German measles, state-of-the-art information on, 199

Giardiasis, natural history, genetic factors in, S98

Gingival necrosis, in HIV infection, 233

Gingivitis

due to anaerobic bacteria, \$304

in HIV infection, 233

Glycyl-prolyl aminopeptidase formation, in Bacteroides splanchnicus,

S408

Gnathostomiasis, review, 33

Gram-negative organisms, anaerobic, taxonomy, S168

Gram-positive organisms, anaerobic, taxonomy, \$168

Granulocyte-macrophage colony-stimulating factor, for Fusarium infection, 528

Granulocyte transfusions, for Fusarium infection, 528

Growth inhibitors, formation by anaerobic bacteria, S418

Gynecologic infections

anaerobic bacteria in, susceptibility testing, S349

bacterial vaginosis and, S282

Haemophilus influenzae, peritonsillar abscess, S292

Hafnia alvei gastroenteritis, in pediatric patients (letter), 443

Handwashing, in Pseudomonas aeruginosa infection control, 372

Health care workers

hepatitis B exposure, immunization effects on, 10

HIV prophylaxis for, 357

Heart transplantation

blastomycosis after, 54

fungal infections after, 677

Heat shock, for culturing Clostridium difficile, S245

Helicobacter pylori

antibody detection, S416

infection, diagnosis by polymerase chain reaction assay, 367

Helminthic infections, diarrhea in, S122

Hemagglutination activity, rotavirus infectivity and, S92

Hemophilia

blood component therapy in, *Trypanosoma cruzi* transmission in, 255 HIV infection markers in, 260

Hemorrhagic cystitis, due to cytomegalovirus, 142

Hemorrhagic fever, dengue, in children, nutritional status and, 295

Hepatic abscess, due to Actinomyces, 303

Hepatitis, in Somalia, S132

Hepatitis B

chronic, sex differences in, 709

epidemiology, in hospital workers, 10

immunization for, efficacy, 165

Henatitis C

with HIV infection (letter), 182

immune serum globulin prophylaxis (letter), 335

Herpes simplex virus infection, reactivation, facial palsy and meningitis with (letter), 181

Hip, prosthetic infection, due to Campylobacter jejuni, 439

Histoplasmosis, in Somalia, S132

History of medicine, infectious diseases during Civil War, 580

HIV infection (see AIDS; Human immunodeficiency virus infection)

Hookworm disease, diarrhea in, S122

Human immunodeficiency virus, detection, in semen (letter and reply), 828, 829

Human immunodeficiency virus infection

amyloidosis with (letter), 733

antiretroviral agents for (see also Didanosine; Zidovudine)

comparison, \$7

efficacy of, markers for, S22

cytomegalovirus infection with, treatment, S69

didanosine for

dosage considerations, S52

efficacy of, markers for, S26

in vitro studies, \$16

long-term follow-up, patients in phase 1 study, S40

safety analysis, S63

zidovudine intolerance and, S46, S59

after zidovudine therapy, S32

gingivitis with, 233

hepatitis C with (letter), 182

Klebsiella rhinoscleromatis infection with, 441

microsporidiosis with, 15

natural history, antiretroviral therapy for, S2

occupational exposure, zidovudine prophylaxis for, 357

oral candidiasis with, salivary calprotectin levels in, 301

pancreatitis with, due to Toxoplasma gondii, 432

Pneumocystis carinii pneumonia with, 22

sinusitis with, due to Pseudomonas aeruginosa, 404

in Somalia, S132

transmission, maternal-fetal (letter and reply), 828, 829

trimethoprim-sulfamethoxazole reaction in (letter), 175, 178

tuberculosis with (letter), 332

urachal remnant infection with, 26

Hydrogen peroxide, lactobacilli production of, S273

Hymenolepiasis, diarrhea in, S122

Hyperinfection, with Strongvloides stercoralis, treatment with thiabendazole, 123

Hyperreactive malarial syndrome, 223

Hypersplenism, in malaria, 223

Hypogammaglobulinemia, Ureaplasma infections in, 293

Hypothermia, in brucellosis (letter), 588

Hysterectomy, infection after, bacterial vaginosis and, S282

IDSA (Infectious Diseases Society of America), Tuberculosis Committee statement on drug-resistant tuberculosis, 627 Imipenem, *Bacteroides fragilis* susceptibility to, S382

Immune serum globulin prophylaxis, hepatitis C (letter), 335

Immunity

mucosal, implications for vaccination against diarrheal diseases, \$106 to rotavirus gastroenteritis, \$117

secretory, in elderly persons, S314

Immunization

for diarrheal disease, enteromucosal immunity assessment, S106

for diphtheria, during outbreaks, 59

for exanthems, 199

for hepatitis B, efficacy

in high-risk Chinese adolescents, 165

in hospital workers, 10

for respiratory infections, 151

for rotavirus

gastroenteritis, S117

wild-type asymptomatic infections and, 86

Immunoassay, for respiratory virus identification, 151

Immunocompromised hosts (see also AIDS; Human immunodeficiency virus infection)

Alternaria infection in, 265

Aspergillus infection in, 118

among Civil War soldiers, 580

diarrhea in, novel acid-fast organisms associated with, 136

measles encephalitis in, 654

mycobacterial infections in, 463

severe, in antibiotic efficacy studies (letter), 341

after transplantation, blastomycosis after, 54

visceral varicella-zoster infection in, 497

Immunofluorescence techniques

for Pneumocystis carinii infection diagnosis (letter), 336

for respiratory virus identification, 151

Immunoglobulins, in Clostridium difficile carriers, S239

Implantable defibrillator, Mycobacterium bovis infection (letter), 825

Indonesia, appendicitis in, due to Bacteroides fragilis, susceptibility patterns and resistance transferability, 561

Infection control, in Pseudomonas aeruginosa infection, 372

Infectious disease rounds, ehrlichiosis, in patient with pneumonia, aseptic meningitis, and leukopenia, 809

Infectious Diseases Society of America, Tuberculosis Committee statement on drug-resistant tuberculosis, 627

Influenza virus

evolution, 151

vs. respiratory syncytial virus, 151

Intensive care unit, Pseudomonas aeruginosa infections in, 372

Interleukin-1 beta, in meningitis, 534

Intestinal infections, cryptosporidiosis, in AIDS, 298

Intestine, lactobacilli in, S181

Intravascular catheter infections (see Catheter-induced infections)

Intravesical therapy (bladder irrigation)

with amphotericin B, 145

with Bacille Calmette-Guérin, Mycobacterium bovis infection after

Isoenzyme profiles, of Candida tropicalis types, 377

Israel, typhoid fever epidemiology in, 213

for cutaneous leishmaniasis, 417

interaction with digoxin, 400

for opportunistic fungal infections, I

for post-transplantation infections, 677

for Pseudallescheria boydii infection, 803

for Scedosporium apiospermum pneumonia (letter), 731

for Trypanosoma cruzi encephalitis, 255

in AIDS, 255

Ixodes hexagonus, tick paralysis from, 168

Japan, Bacteroides fragilis susceptibility to imipenem in, S382 Juvenile periodontitis, bacterial mediators in, S203

Ketoconazole

for coccidioidomycosis, 349

for Exophiala jeanselmei infections (letter), 445

for post-transplantation infections, 677

for visceral leishmaniasis, 397

Kidney

amyloidosis, in HIV infection (letter), 733

disseminated mycobacterial infections after, 463

fungal infections after, 677 nocardiosis after, 505

stibogluconate toxicity after, 397

Klebsiella rhinoscleromatis infection, with HIV infection, 441

Lactobacilli

in intestinal function, S181

recovery in clinical specimens, 476

supplementation with, \$181

taxonomy, S168

in vaginal microflora, S273

Latex immunoassay, in Helicobacter pylori detection, S416

Legionella pneumophila cellulitis, case study, 51

Legionnaires' disease, state-of-the-art information on, 741

Leishmaniasis

cutaneous, treatment with pentamidine, 417

in Somalia, S132

treatment, after renal transplantation, 397

visceral, treatment with meglumine antimonate (letter), 730

Leptospirosis, in Somalia, S132

Leukemia, Rhizomucor pusillus infection in, 640

Leukocytes, interactions with anaerobic bacteria, \$190

Leukopenia, with pneumonia and meningitis, 809

Lipooligosaccharides, of Neisseria meningitidis, phenotypic variation,

Lipopolysaccharides, from anaerobic bacteria, B lymphocyte

stimulation by, S200 Listeria monocytogenes

brain stem encephalitis, 186 (letter), 689

abscess due to Actinomyces, 303

transplantation

alternariosis after (letter), 729

fungal infections after, 677

Rhizopus sinusitis after (letter), 183

Loperamide, for travelers' diarrhea, 616

Loracarbacef, pharmacokinetics, 646

abscess due to anaerobic bacteria, S443

anaerobic infections, S248

transplantation, fungal infections after, 677

Lyme disease

differential diagnosis, in nonendemic region, 558

epidemiology, in Spain, 310

meningoradiculitis in, 168

viral encephalitis with, 392

Lymphocytes

CD4+

in antiretroviral therapy assessment, S2

in HIV infection assessment, S22, S26

defects in, fungal infections in, treatment, 1

in HIV-related gingivitis, 233

stimulation by anaerobic bacteria lipopolysaccharides, S200

Lymphoma, pulmonary, with AIDS (letter), 188

Magnetic resonance imaging, listerial brain stem encephalitis (letter),

Malaria

epidemiology, in United States Navy, 320

during pregnancy, neonatal morbidity and mortality from, 127

prophylaxis with mefloquine (letter), 185

in Somalia, S132

after splenectomy, 361

splenic complications, 223

state-of-the-art information on, 449

Malnutrition, in hemorrhagic dengue fever, in children, 295

Maternal-fetal transmission, HIV (letter and reply), 828, 829

Measles

encephalitis in, treatment with ribavirin, 654

in Somalia, S132

state-of-the-art information on, 199

Mediastinitis

due to Corynebacterium xerosis (letter), 172

from peritonsillar abscess, S299

Mefloquine

exfoliative dermatitis from (letter), 341

for malaria prophylaxis (letter), 185

Meglumine antimonate

acute pancreatitis from (letter), 730

for cutaneous leishmaniasis, 417

Meningitis

due to coccidioidomycosis

natural history, 247

treatment, 349

due to Cryptococcus neoformans and Mycobacterium tuberculosis (letter), 588

due to Enterobacter, 772

due to Escherichia coli K1, molecular analysis, 82

due to gnathostomiasis, 33

inflammatory mediator levels in, 534

meningococcal, with facial palsy and herpes simplex virus

reactivation (letter), 181

neonatal, in Spain, 719

with pneumonia and leukopenia, 809

in Somalia, S132

due to Staphylococcus aureus, 435, 766

due to Streptococcus pneumoniae, penicillin resistance in (letter), 334

Meningococcal infections

epidemiology, in the Netherlands, new serotypes and subtypes and, 237

meningitis, with facial palsy and herpes simplex virus reactivation (letter), 181

Meningococci, pronunciation of (letter), 737

Meningoencephalitis, due to Coxiella burnetii, 489

Meningoradiculitis, in Lyme disease, 168

Menstrual toxic shock syndrome

bacteremia in, 288

vs. nonmenstrual toxic shock syndrome, 100

Meropenem, susceptibility to anaerobic bacteria, S361

Methylene blue, effects on Porphyromonas gingivalis, S409, S411

4-Methylumbelliferone derivatives, in Bacteroides fragilis detection,

Metronidazole

for Actinobacillus actinomycetemcomitans infection, after pacemaker implantation, 216

Bacteroides resistance to, S401

Miconazole, for opportunistic fungal infections, 1

Microaerophilic organisms, S188

Microflora, normal population, S181

anaerobic bacteria in, S175

in colon, S214

vaginal, S273

Microsporidia myositis, 15

Miliary tuberculosis, unusual manifestations (letter), 179

Minimum inhibitory concentration measurement, for anaerobic bacteria. S328

Mobiluncus, taxonomy, \$168

Molecular analysis, of Escherichia coli K1, 82

Molecular typing, of Candida tropicalis isolates, 377

Mononuclear phagocyte defects, fungal infections in, treatment, 1

Mouth, anaerobic microflora, S175

Mucormycosis

invasive, treatment, 1

in leukemia, 640

rhinocerebral, treatment with amphotericin B (letter), 585

Mucosal immunity, at enteromucosal surfaces, implications for vaccination against diarrheal disease, \$106

Multisystem organ failure, due to Toxoplasma gondii, in AIDS, 432 Mycobacteria

disseminated infections, 463

peritonitis, in peritoneal dialysis, 426

Mycobacterium avium complex infection, cutaneous, in AIDS, 555

Mycobacterium bovis, implantable fibrillator infection from (letter), 825

Mycobacterium chelonae infection, disseminated, 463

Mycobacterium fortuitum infection, disseminated, 463

Mycobacterium malmoense infection, disseminated, 540

Mycobacterium smegmatis infection, soft-tissue, 531

Mycobacterium tuberculosis (see also Tuberculosis)

meningitis (letter), 588

Mycoplasma infections, in hypogammaglobulinemia, 293

Mycoses (see Fungal infections)

Mycotic aneurysm, due to Corynebacterium diphtheriae, 271

Myocarditis, due to Trichinella spiralis, 500

Myonecrosis, neck muscles, from peritonsillar abscess, S299

Myositis, due to Pleistophora, 15

Nasal infections, due to Alternaria, in immunodeficiency, 265

Nasopharynx

anaerobic microflora, S175

culture in pertussis, 276

Necrosis

gingival, in HIV infection, 233

neck muscles, from peritonsillar abscess, S299

retinal, in AIDS-related complex, 208 in Rocky Mountain spotted fever, 627

Neisseria meningitidis

new serotypes and subtypes in the Netherlands, 237

Opa outer membrane protein variation, 523

Neisseria mucosa endocarditis (letter), 184

Neisseria sicca endocarditis, 667

Neonates

meningitis in, in Spain, 719

morbidity and mortality from maternal malaria, 127

sepsis in, in Spain, 719

streptococcal infections in, in Spain, 714

Neopterin, as HIV infection marker, 260

Netherlands, the, meningococcal infection epidemiology in, new serotypes and subtypes and, 237

Neuroborreliosis, 310

Neurocysticercosis, in pediatric patients, 290

Neutropenia, Aspergillus pneumonia in (letter), 734

Neutrophils

defects in, opportunistic fungal infections treatment, I

inhibition by anaerobic bacteria, \$190

Nicotinamide, Escherichia coli strains requiring, in cystitis, 412

5-Nitroimidazole, Bacteroides resistance to, S401

Nocardia farcinica, cutaneous, 756

Nocardiosis, after kidney transplantation, 505

Nomenclature/taxonomy

for bacteria

aerobic, 598

anaerobic, S168, 606

facultative, 598

Bacteroides, \$160

Bacteroides gracilis-related bacteria, S188

clinical laboratory involvement in, S449

fungi, 610

parasites, 614

viruses, 612

Nonsporulating anaerobic rods, recovery from clinical specimens, 476 Nosocomial infections

Clostridium difficile, S214, S228

Enterococcus faecium, 750

Pseudomonas aeruginosa, in intensive care unit, 372

Pseudomonas cepacia, 407

Staphylococcus aureus bacteremia, 567

Staphylococcus schleiferi (letter), 589

streptococci group A, 792

typing, Candida tropicalis, 377

urinary tract, 785

Nucleic acid detection, respiratory viruses, 151

Nucleoside analogs, in HIV infection, comparison, S7

Nursing homes, trimethoprim-resistant bacilli colonization in, 75

Nutritional status, of children, in dengue hemorrhagic fever, 295

Obstetric infections, bacterial vaginosis and, S282

Occupational exposure

to hepatitis B, immunization effects on, 10

to human immunodeficiency virus, zidovudine prophylaxis in, 357

Ofloxacin, oral, for prostatitis (letter), 337

Oncology patients, Pseudomonas cepacia infections in, 407

Ontario, Canada, invasive group A streptococcal infections in, 792

Opa outer membrane protein, variation in Neisseria meningitidis

phenotypes, 523

Opportunistic infections

due to Agrobacterium radiobacter, 388

fungal, treatment, 1

due to Staphylococcus schleiferi (letter), 589

Oral infections (see also Dental infections; Periodontal disease)

due to anaerobic bacteria, S304

treatment with photosensitization, S414

in elderly persons, S314

Oropharynx, lactobacilli in, S181

Osteomyelitis

due to Achromobacter xylosoxidans (letter), 176

due to Campylobacter jejuni, in AIDS, 439

cervical vertebral, due to Mycobacterium tuberculosis, 806

due to Nocardia farcinica, 756

pubic (letter and reply), 828

tubercular (letter), 179

p24 antigen

in antiretroviral therapy assessment, S2

in HIV infection assessment, S26

Pacemakers, cardiac, Actinobacillus actinomycetemcomitans bacteremia from, 216

Pancreas transplantation, fungal infections after, 677

Pancreatitis

due to meglumine antimonate therapy (letter), 730

due to stibogluconate therapy, 397

due to Toxoplasma gondii, in AIDS, 432

Paralysis, tick, from Ixodes hexagonus, 168

Parasites

classification, 614

infections from, in Somalia, S132

Paromomycin, for cryptosporidiosis, with AIDS, 298

Parvovirus infection, chronic (letter and reply), 726

Pathogenicity, in anaerobic infections (see under Anaerobic bacteria)

Pediatric infections

congenital malaria, 127

dengue hemorrhagic fever, nutritional status and, 295

gastroenteritis due to Hafnia alvei, 443

measles encephalitis, 654

meningitis

due to Escherichia coli K1, molecular analysis, 82

due to Staphylococcus aureus, 766

neurocysticercosis, 290

Pseudomonas aeruginosa bacteremia, 706

streptococcal, in Spain, 714

Pelvic inflammatory disease

anerobic bacteria in, susceptibility testing, \$349

bacterial vaginosis and, S282

Penicillin(s)

anaerobic bacteria susceptibility to, S371

Enterococcus faecium resistance to, 750

Penicillin G, for Actinobacillus actinomycetemcomitans infection, after pacemaker implantation, 216

Pentamidine

for cutaneous leishmaniasis, 417

for Pneumocystis carinii pneumonia prophylaxis, 22

bronchoalveolar lavage assessment during, 519

side effects, 22

Peptic ulcer disease, Helicobacter pylori antibody detection in, S416

Peptides, anaerobic bacteria utilization, S404

Peptostreptococcus

peritonsillar abscess, S292

respiratory infections, S248, S256

susceptibility testing, to meropenem, S361

taxonomy, \$168

Pericarditis, in Lyme disease, 310

Pericoronitis, due to anaerobic bacteria, S304

Periodontal disease

due to Actinobacillus actinomycetemcomitans, after pacemaker

implantation, 216

due to anaerobic bacteria, S304

bacterial mediators in, S203

bacterial nutritional properties in, S404

Porphyromonas gingivalis detection in, S317

tetracycline resistance in, S310

treatment with methylene blue, S409, S411

Periorbital cellulitis, due to Neisseria meningitidis, 523

Peritoneal dialysis, complicated by mycobacterial peritonitis, 426

Peritonitis

due to Agrobacterium, 112, 388

due to mycobacteria, in peritoneal dialysis, 426

spontaneous, pneumococcal (letter), 728

Peritonsillar abscess, due to anaerobic bacteria, S292, S299

Persian Gulf War, Q fever in, 489

Pertussis

diagnosis, 276

epidemiology, in Missouri, 276

Pharmacokinetics, oral cephalosporins, 646

Pharyngitis, subdural empyema development from (letter), 726

Photosensitization, in anaerobic bacteria destruction, S414

Pink-pigmented bacilli, bacteremia (letter), 735

Piperacillin/tazobactam, anaerobic bacteria susceptibility to, clinical trials, S344

Plaque, bacterial colonization, S314

Plasmodia infections (see also Malaria)

epidemiology, in United States Navy, 320

after splenectomy, 361

splenic complications, 223

Pleistophora myositis, 15

Pleural infections, anaerobic, S248, S256

Pleuropulmonary infections, due to anaerobic bacteria, bacteriologic diagnosis, S443

Pneumocephalus, tension, cerebrospinal fluid pleocytosis in, 703

Pneumococcal infections, spontaneous peritonitis (letter), 728

Pneumocystis carinii

perirectal infection, diagnosis (letter), 336

pneumonia prophylaxis, 22

bronchoalveolar lavage assessment during, 519

pneumonia prophylaxis (letter), 170

Pneumocystosis, during *Pneumocystis carinii* pneumonia prophylaxis (letter), 170

Pneumonia

due to Aspergillus fumigatus (letter), 734

due to Ehrlichia, 809

Legionnaires' disease, state-of-the-art information on, 741

due to Pneumocystis carinii

prophylaxis for, 22, 170 (letter), 519

due to Scedosporium apiospermum, treatment with itraconazole (letter), 731

with septic meningitis and leukopenia, 809

Pneumoperitoneum, artificial, for drug-resistant tuberculosis, 219

Poliovirus, isolation from cerebrospinal fluid, in adenovirus infection (letter), 342

Polymerase chain reaction

for Clostridium difficile infection monitoring, S234

for Helicobacter pylori infection diagnosis, 367

for measles encephalitis diagnosis, 654

for Toxoplasma gondii detection, 661

Polymicrobial infection, prophylactic therapy in, S425

Polymorphonuclear leukocytes, theta toxin effects on, S195

Porphyromonas gingivalis

detection, S317

methylene blue effects on, S409

nutritional properties, \$404

periodontal disease, S203, S317

taxonomy, S160

Port-a-Cul Tube, versus Accu-Culshure System, S325

Pott's disease, 806

Pregnancy

malaria during, neonatal morbidity and mortality from, 127

vaginal flora during, S273

Premature birth, bacterial vaginosis and, S282

Prevotella

cephalosporin activity against, \$353

peritonsillar abscess, S292

respiratory infections, S248, S256

susceptibility testing, to meropenem, S361

taxonomy, \$160

Prevotella sp, identification in clinical specimens, S435

Propionibacterium, taxonomy, S168

Prostatitis, treatment with fluoroquinolones (letter and reply), 337, 338

Prosthetic hip infection, due to Campylobacter jejuni, in AIDS, 439

Proteolytic enhancement, rotavirus infectivity, S92

Pseudallescheria boydii pulmonary infection, treatment with itraconazole, 803

Pseudomembranous colitis (see Clostridium difficile)

Pseudomonas aeruginosa

bacteremia, in AIDS, 706

sinusitis, in HIV infection, 404

transmission in intensive care unit, 372

Pseudomonas cepacia bacteremia, 407

Pubic osteomyelitis (letter and reply), 828

Pulmonary infections (see Respiratory infections)

Pulsed-field gel electrophoresis, in Candida tropicalis typing, 377

Pyrimethamine, for *Pneumocystis carinii* pneumonia prophylaxis (letter), 170

Q fever, neurologic manifestations, 489

R61837, for respiratory infections, 151

Receptor, for Clostridium difficile toxin A, S219

Rectal administration, of thiabendazole, for Strongyloides stercoralis hyperinfection, 123

Rectal swabs, in Clostridium difficile culture, S245

Redox agents, effects on Porphyromonas gingivalis, \$409, \$411

Relapsing fever, in Somalia, S132

Resistance, to drugs (see Drug resistance)

Respiratory failure, due to Trichinella spiralis, 500

Respiratory infections

due to anaerobic bacteria, \$248, \$256, \$443

due to Corvnebacterium diphtheriae, case report, 59

due to Exophiala jeanselmei (letter), 445

fungal, after transplantation, 803

due to Fusarium solani, 148

gnathostomiasis, 33

in Somalia, S132

viral

diagnosis, 151

epidemiology, 151

prevention, 151

treatment, 151

Respiratory syncytial virus, vs. influenza virus, 151

Respiratory viruses, exanthems, 199

Retinitis, due to varicella-zoster virus, in AIDS-related complex, 208

Retropharyngeal abscess

due to anaerobic bacteria, \$299

in cervical vertebral osteomyelitis, 806

Rhinocerebral mucormycosis, treatment with amphotericin B (letter), 585

Rhinoscleroma, in HIV infection, 441

Rhizomucor pusillus infection, in leukemia, 640

Rhizopus sinusitis, after liver transplantation (letter), 183

Rhombencephalitis, due to Listeria monocytogenes, 689

Ribavirin

for measles encephalitis, 654

for respiratory infections, 151

Rickettsia rickettsii infection, gangrene in, 629

Rickettsial diseases, in Somalia, S132

Rifampicin, for brucellosis, 671

Rifampin, for opportunistic fungal infections, 1

Rimantadine, for respiratory infections, 151

Rocky Mountain spotted fever, gangrene complicating, 629

Roseola infantum, characteristics, 199

Rotavirus

asymptomatic infections, vaccination efficacy and, 86

gastroenteritis, immunization, S117

infectivity, proteolytic enhancement, S92

Rubella, state-of-the-art information on, 199

S fimbriae, in nicotinamide-requiring Escherichia coli, 412

Saccharomyces cerevisiae vaginitis, 93

Sacroiliitis, due to Brucella melitensis, 761

Saliva

bacterial colonization, \$314

calprotectin levels in, in HIV infection, 301

Salmonella typhimurium, growth inhibitor formation by, S418

Salpingitis, due to Group A streptococci (letter), 444

Sample collection and transport, systems for, S325

Sanitation, in Civil War, 580

Scarlet fever, atypical, exanthem, due to concurrent varicella, 286

Scarletiniform rash, modified by varicella, 286

Scedosporium apiospermum pneumonia, treatment with itraconazole (letter), 731

Schistosomiasis

diarrhea in, S122

in Somalia, \$132

Semen, HIV detection in (letter and reply), 828, 829

Sepsis

catheter, consequences of, 778

due to group A streptococci (letter), 444

neonatal, in Spain, 719

due to Pseudomonas aeruginosa, in children, 706

Septic arthritis

due to Corynebacterium diphtheriae, 271

due to Corynebacterium diphtheriae (letter), 446

due to Ureaplasma urealyticum, 293

Septic shock, from catheter infection, 778

Septicemia

due to Aureobasidium pullulans (letter), 338

due to Vibrio parahaemolyticus (letter), 339

Serologic diagnosis, in peptic ulcer disease, S416

Sex differences, in chronic hepatitis B, 709

Sexually transmitted diseases (see also specific disease)

epidemiology in Somalia, S132

Shock, septic, from catheter infection, 778

Shunt, ventricular cerebrospinal fluid, infection from, 139

Sialic acid receptor, of *Neisseria meningitidis*, phenotypic variation, 523 Sinusitis

due to Alternaria, in immunodeficiency, 265

due to Pseudomonas aeruginosa, in HIV infection, 404

due to Rhizopus, after liver transplantation (letter), 183

Skin

Aeromonas hydrophila infection, 69

Alternaria infection after liver transplantation (letter), 729

anaerobic microflora population, S175

Gnathostoma spinigerum infestation, 33

Mycobacterium avium complex infection, 555

Nocardia farcinica infection, 756

Soft-tissue infections

due to Aeromonas hydrophila, 69

due to Mycobacterium smegmatis, 531

due to streptococci, 792

Somalia, endemic diseases, S132

Spain

Lyme disease epidemiology in, 310

neonatal streptococcal infections in, 714

neonatal sepsis and meningitis in, 719

Specimen collection and transport, systems for, S325

Spleen, malarial complications, 223

Splenectomy, malaria occurrence after, 361

Spontaneous peritonitis, pneumococcal (letter), 728

Sporotrichosis, zoonotic transmission, 384

Staphylococcus aureus

bacteremia

outcome, 567

in toxic shock syndrome, 288

catheter infection, 778

meningitis, 766

ventricular obstruction in, 435

Staphylococcus capitis subspecies ureolyticus, endocarditis (letter), 343

Staphylococcus schleiferi, nosocomial infection (letter), 589

Steroid catabolism, anaerobic bacteria in, S427

Stibogluconate toxicity, in renal transplantation, 397

Streptococcal infections

Eikenella corrodens associated with (letter), 173

group A

invasive, epidemiology, 792

salpingitis (letter), 444

with varicella, 286

group B, neonatal, in Spain, 714

subdural empyema (letter), 726

Streptococci, anaerobic, taxonomy, \$168

Streptococcus milleri peritonsillar abscess, S292

Streptococcus pneumoniae

meningitis, penicillin resistance in (letter), 334

spontaneous peritonitis (letter), 728

Streptococcus pyogenes peritonsillar abscess, S292

Streptomycin, for brucellosis, 671

Strongyloides stercoralis infection

diarrhea in, S122

treatment with thiabendazole, 123

Subdural empyema, streptococcal (letter), 726

Susceptibility testing, anaerobic bacteria, \$256, \$339

in appendicitis, 561

Bacteroides, \$390

Bacteroides fragilis, \$382, 561

Bacteroides gracilis, S263

to beta-lactam antibiotics, S371

to beta-lactamase inhibitors, \$335

clinical relevance, \$446

Etest in, S367

in Europe, S387

of female reproductive tract, S349

to fluoroquinolones, S377

to imipenem, S382

to meropenem, \$361

to piperacillin/tazobactam, S344

problems in, S328

state of the art, S328

to temafloxacin, S334, S349

variability in, S357

T-cell lymphoma, pulmonary, with AIDS (letter), 188

Taenia solium infections, in pediatric patients, 290

Taxonomy (see Nomenclature/taxonomy)

Temafloxacin

activity against Bacteroides, \$355

anaerobic bacteria susceptibility to, S334

Tenosynovitis, tubercular (letter), 179

Tension pneumocephalus, cerebrospinal fluid pleocytosis in, 703

Terbinafine for Curvularia lunata endocarditis, 30

Tetanus, severity in older patients (letter), 591

Tetracycline, periodontal pathogen resistance to, S310

Theta toxin, in gas gangrene pathogenesis, S195

Thiabendazole, for Strongyloides stercoralis hyperinfection, 123

Thrombophlebitis, from catheter infection, 778

Tick-borne encephalitis, with Lyme disease, 392

Tick paralysis, from Ixodes hexagonus, 168

Time-kill curves, Bacteroides exposed to temafloxacin, S355

Tinidazole, *Bacteroides* resistance to, S401 Tongue abscess, 133

Tooth abscess

persistent fever in, 550

wound botulism with, 635

Toxic shock syndrome

clinical spectrum, 100

Staphylococcus aureus infection with, 288

streptococcal, 792

Toxin A, Clostridium difficile, receptor for, S219

Toxins, in gas gangrene pathogenesis, S195

Toxoplasma gondii, polymerase chain reaction detection in AIDS, 661

Toxoplasmosis, in AIDS, multisystem organ failure in, 432

Transplantation

blastomycosis after, 54 bone marrow

cytomegalovirus-induced cystitis after, 142

pulmonary fungal infections after, 803

varicella-zoster virus infection after, 190 (letter), 497

kidney

disseminated mycobacterial infections after, 463

fungal infections after, 677

nocardiosis after, 505

stibogluconate toxicity after, 397

liver

alternariosis after (letter), 729

Rhizopus sinusitis after (letter), 183

solid-organ, fungal infections in, 677 Transport, specimen, systems for, S325

Transtracheal aspiration, in anaerobic pulmonary infections, S443

Travelers' diarrhea, treatment and prevention, 616

Treponema denticola

nutritional properties, \$404

periodontal disease, S203

Triazoles, for cryptococcal cellulitis (reply), 827

Trichinella spiralis

diarrhea, S122

myocarditis, 500

Trichuris trichiura infection, diarrhea in, S122

Trimethoprim, bacteria resistant to, colonization and

cross-colonization with, 75 Trimethoprim-sulfamethoxazole

for brucellosis, 671

for Enterobacter meningitis, 772

for nocardiosis, 505

reaction to, in HIV infection (letter), 175, 178

for travelers' diarrhea, 616

Trypanosoma cruzi, encephalitis, in AIDS, 255

Trypsin, rotavirus infectivity and, S92

Tuberculosis

in AIDS/HIV infection

chest wall abscess (letter), 727

epidemiology, 513

extrapulmonary, 513

in AIDS/HIV infection (letter), 332

cervical vertebrae, 806

control, IDSA role in, 627

drug-resistant

treatment, 219

IDSA Tuberculosis Committee statement, 627

miliary, unusual manifestations (letter), 179

in Somalia, S132

Tularemia, from cat bite, 472

Tumor necrosis factor-alpha, in meningitis, 534

Typhoid fever, epidemiology, in Israelis, native-born vs. Ethiopian immigrants, 213

Tyzzer's disease, bacterial agent for, S422

United States Navy, malaria epidemiology in, 320

Urachal remnants, infection of, 26

Ureaplasma urealyticum infections, in hypogammaglobulinemia, 293

Urease genes, as primers for Helicobacter pylori assay, 367

Urinary tract infections

due to Agrobacterium, 112, 388

anaerobic bacteria and, S427

due to Escherichia coli, virulence in, 785 due to trimethoprim-resistant bacilli, 75

Vaccination (see Immunization)

Vagina, normal microflora, S273

Vaginitis, due to Saccharomyces cerevisiae, 93

Vaginosis, bacterial

anaerobic bacteria and, S427

in pregnancy, S273

upper genital tract infections and, S282

Vancomycin

for cerebrospinal fluid shunt infection, 139

Enterococcus faecium resistance to, 750

Varicella

with group A streptococcal infection, 286

scarlet fever exanthem inhibition in, 286

state-of-the-art information on, 199

Varicella-zoster virus infection

after bone marrow transplantation

abdominal pain in (letter), 190

visceral, 497

retinitis, in AIDS-related complex, 208

Vascular complications, Corynebacterium diphtheriae infections, 271

Vectors, classification, 614

Ventricle, brain

obstruction due to Staphylococcus aureus meningitis, 435

shunt infection due to Corynebacterium jeikeium, 139

Vertebrae, cervical, tuberculosis of, 806

Veterans Administration, Armed Forces Cooperative Study of

Coccidioidomycosis, 247

Vibrio parahaemolyticus septicemia (letter), 339

Viral culture, respiratory viruses, 151

Viral infections, respiratory

diagnosis, 151

epidemiology, 151

prevention, 151

treatment, 151

Virulence factors

Clostridium septicum, S211

Escherichia coli, in urinary tract infections, 785

in gas gangrene pathogenesis, S195

in periodontal disease, S203

Viruses, taxonomy, 612

Visceral gnathostomiasis, 33

Visceral leishmaniasis

treatment, 397 treatment with meglumine antimonate (letter), 730

WIN 51711, for respiratory infections, 151 Wound botulism, with tooth abscess, 635

Wound infection

due to anaerobic bacteria, treatment, S266

due to Bacillus cereus, treatment with ciprofloxacin (letter), 189

due to Candida tropicalis, typing, 377

Xerostomia, bacterial colonization and, S314

Zidovudine

for HIV infection

didanosine therapy after, S32

in vitro studies, \$16

intolerance, didanosine therapy substituted for, S46, S59

prophylactic use, 357

resistance to, S7

Zoonoses, sporotrichosis, 384

Zygomycosis, in leukemia, 640

